

CUSTOMER NUMBER: 38327

ATTORNEY DOCKET NUMBER: HIRA.0134

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the Utility patent application of:

INVENTOR:	<b>MOTONAO NAKAO</b>
FOR:	<b>FUNCTIONAL BEADS, METHOD FOR READING THE SAME AND BEAD-READING APPARATUS</b>

Enclosed are:

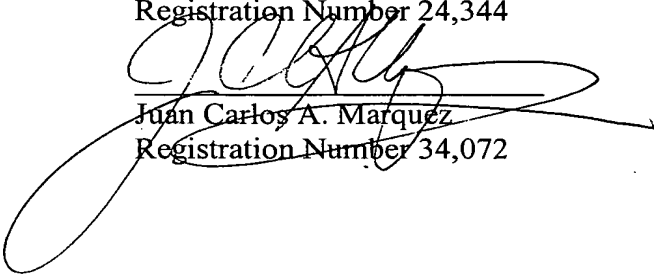
- ☒ 4 sheets of ☐ formal ☐ informal drawings.
- ☒ Transmittal of Japanese application 2003-014379 to claim priority date of January 23, 2003.
- ☒ An assignment of the invention to Hitachi. Software Engineering Co., Ltd.
- ☒ A Preliminary Amendment
- ☒ An Executed Declaration.
- ☒ The filing fee is calculated as shown below:

FOR	NUMBER FILED		NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	16	-20		x\$18 =	0.00
INDEPENDENT CLAIMS	8	-3	5	x\$86 =	430.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+\$290 =	
BASIC FEE					\$770.00
TOTAL OF ABOVE					\$1,200.00
REDUCTION BY <input type="checkbox"/> FOR FILING BY SMALL ENTITY (note 37 C.F.R. § 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED					
TOTAL					\$1,200.00

- ☒ A check in the amount of **\$1,240.00** to cover the filing and assignment fees is enclosed.

- ☒ The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

Stanley P. Fisher  
Registration Number 24,344  
Juan Carlos A. Marquez  
Registration Number 34,072

**REED SMITH LLP**  
3110 Fairview Park Drive  
Suite 1400  
Falls Church, Virginia 22042  
(703) 641-4200  
January 14, 2004

31353 U.S. PTO  
10756401

011404

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
WASHINGTON, D.C. 20231

011404  
13281 U.S. PTO

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FOR: **FUNCTIONAL BEADS, METHOD FOR READING THE  
SAME AND BEAD-READING APPARATUS**

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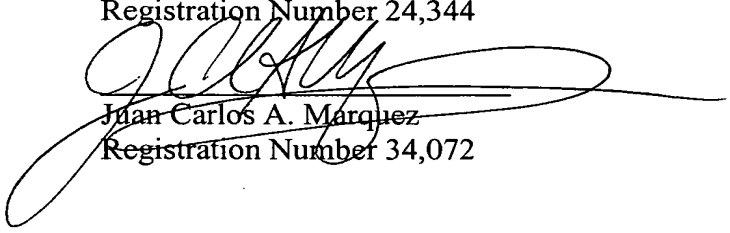
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